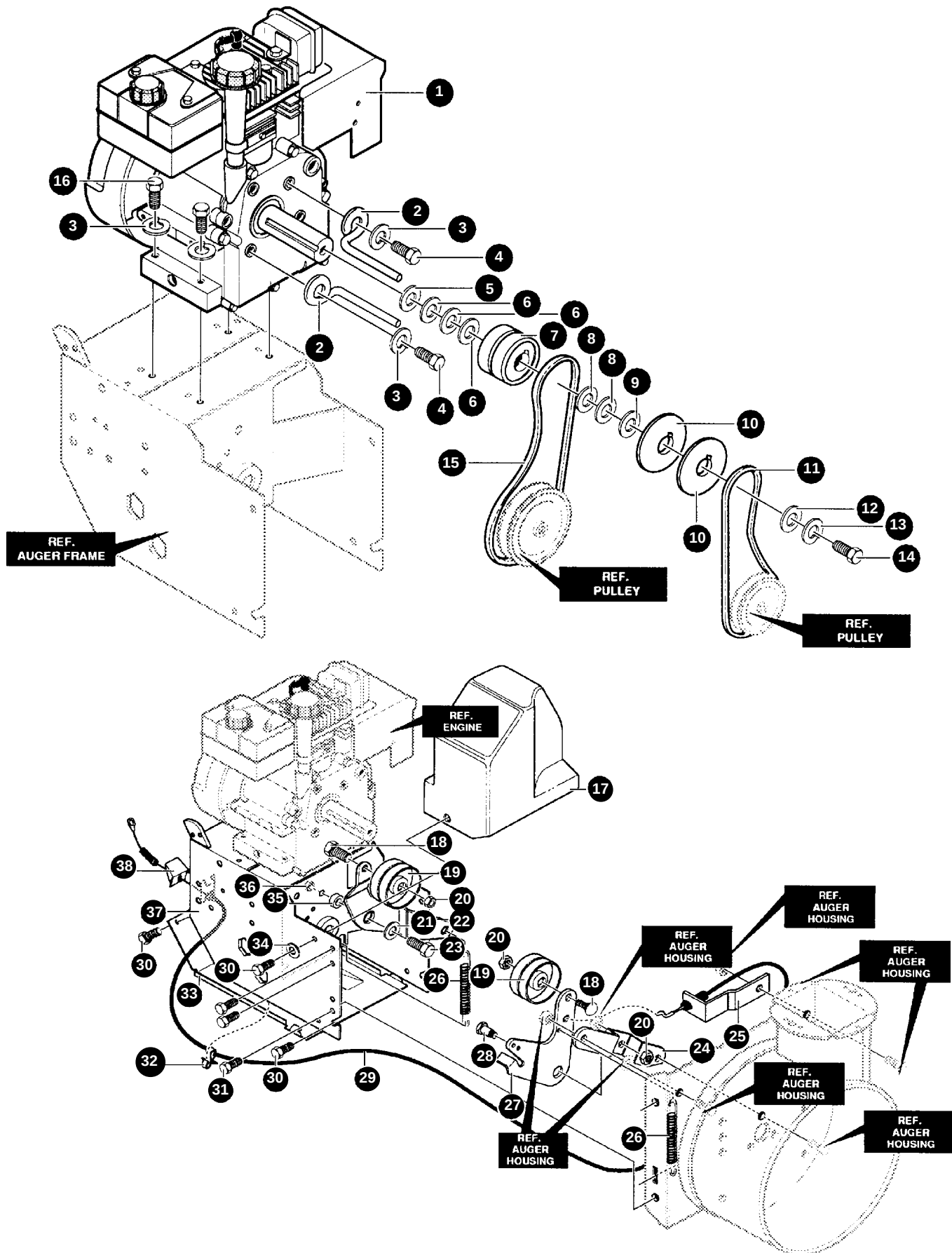




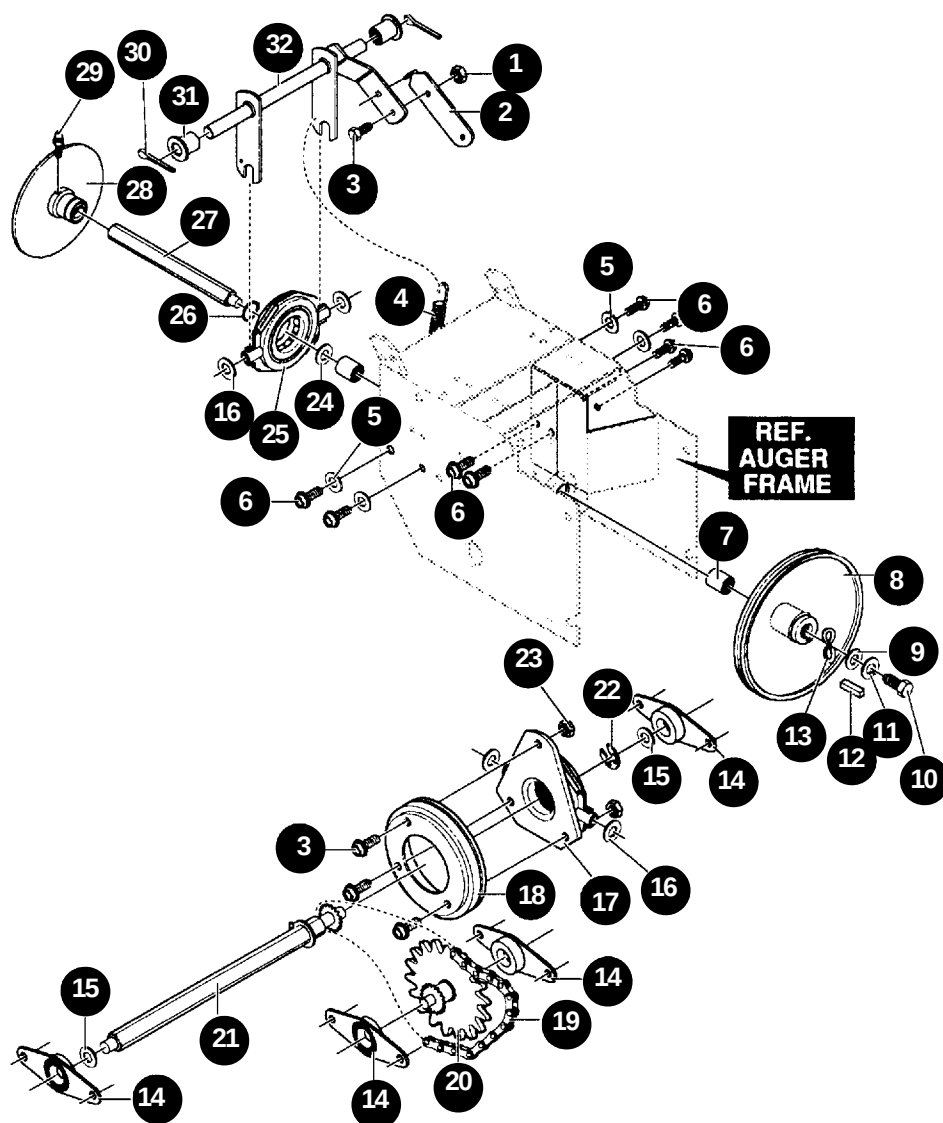
**SNOWTHROWER
PARTS CATALOG
MODEL ST-5024
TYPE 1/1E
SERIAL NUMBER 001001 & UP**

**ECHO, INCORPORATED
400 OAKWOOD ROAD
LAKE ZURICH, IL 60047**

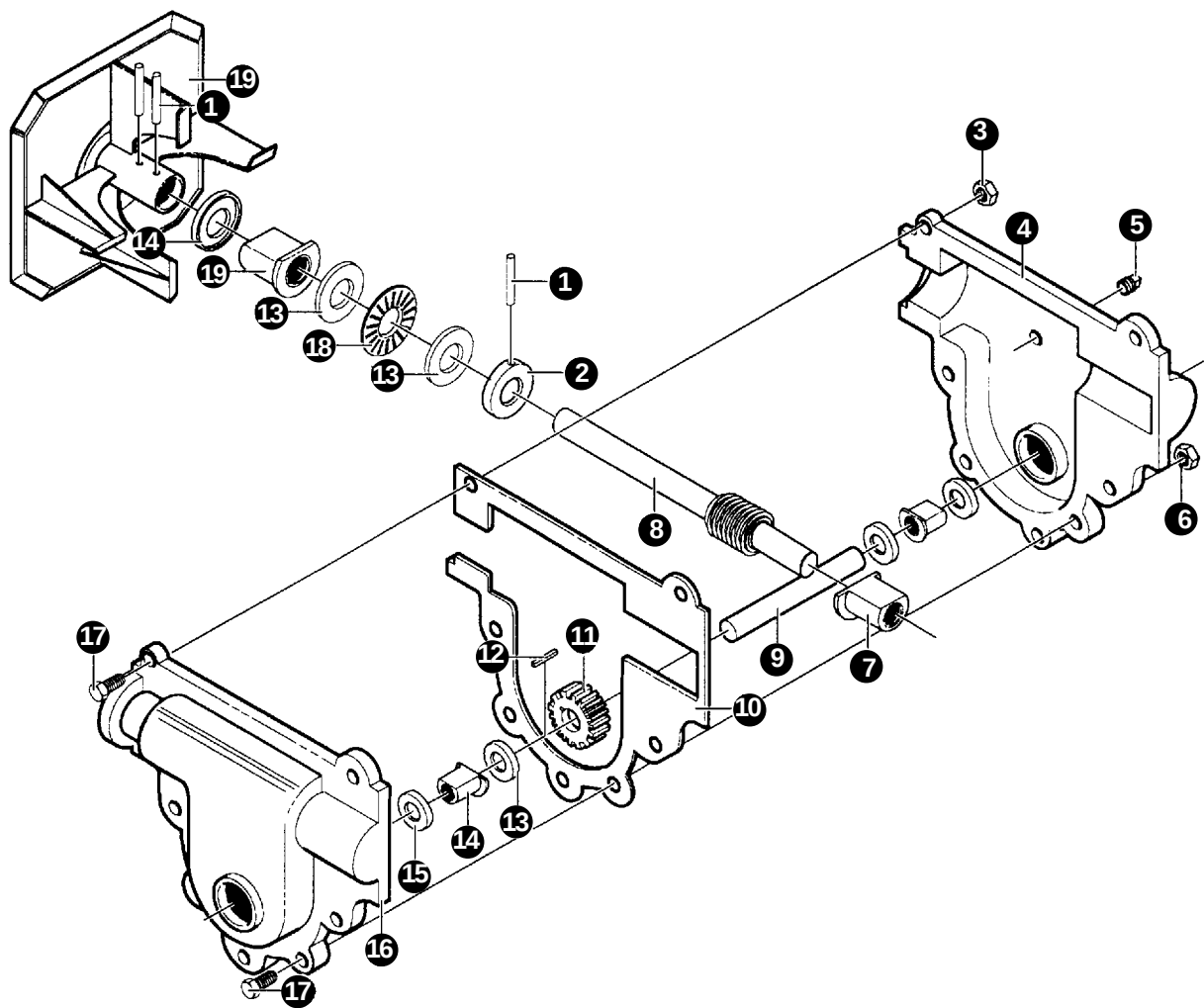
**99922202809
10/99**



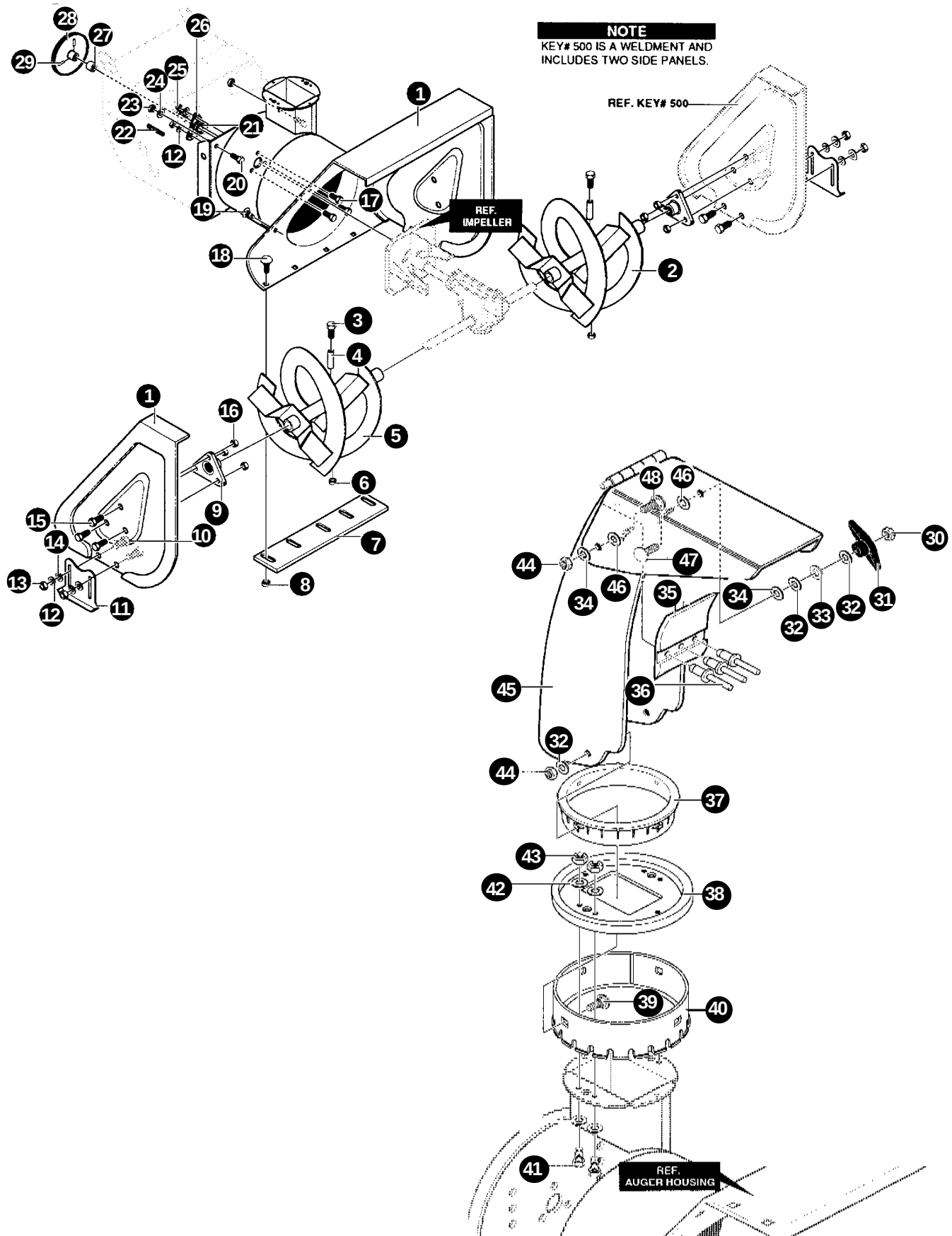
KEY	PART NUMBER	QTY	DESCRIPTION	REMARKS
1	-----	1	ENGINE, 5 HP TEC	SEE ENGINE MANUAL
2	14003949	2	GUIDE, ROD BELT RH	
3	14120638	4	WASHER, HVSP TLK .328X.60X.09	
4	14578733	2	SCREW, 5/16-24X.625 HHC	
5	14579855	1	WASHER, CRANKSHAFT	
6	14579861	3	WASHER, FLAT .752X.91X.02	
7	14579854	1	PULLEY, HALF	
8	14073840	2	WASHER, FLAT	
9	14586251	1	SPACER, SLEEVE .752X1.12X.38	
10	14586253	1	PULLEY, ENGINE	
11	14581264	1	BELT, V 4L 35.23 LG	
12	14313826	1	WASHER, FLAT	
13	14120382	2	WASHER, REGSPTLK .393X.68X.10	
14	14039573	1	SCREW, 3/8-24X1.00 NYLHHC	
15	14579932	1	BELT, V 3L 33.13LG	
16	14710024	2	SCREW, 5/16-18	
17	14580772	1	COVER, BELT	
18	14180124	2	SCREW, 3/8-16X1.25	
19	14313843	2	PULLEY, IDLER	
20	14041529	3	NUT, 3/8-16HXCTRLKJAM	
21	14073795	1	WASHER, FLAT .328X1.25X.075	
22	14579872	1	LEVER, IDLER ARM TRACTION	
23	14180077	1	SCREW, 5/16-18X.75	
24	14336657	1	PLATE, CLUTCH	
25	14340579	1	BRACKET, COMPACT CABLE MTG.	
26	14313854	2	SPRING, IDLER	
27	14340604	1	ARM, CLUTCH	
28	14335587	1	BOLT, .497X.138 HHSH 3/8-16	
29	14340373	1	CABLE, AUGER CLUTCH	
30	14310169	3	SCREW, 1/4-20X.63 WAHHTAP	
31	14035497	3	SCREW, 5/16-18X.50 WAHHTAP	
32	14340682	1	CLIP, CABLE TINN#D98281-017	
33	14583031	1	COVER, BOTTOM	
34	14120392	1	WASHER, FLAT .281X.63X.065	
35	14579865	1	BUSHING, IDLER LEVER	
36	14071038	1	NUT, 5/16-18 HEXNYL	
37	14345087	1	FRAME ASY	
38	14340869	1	SHIELD, CABLE GUARD	



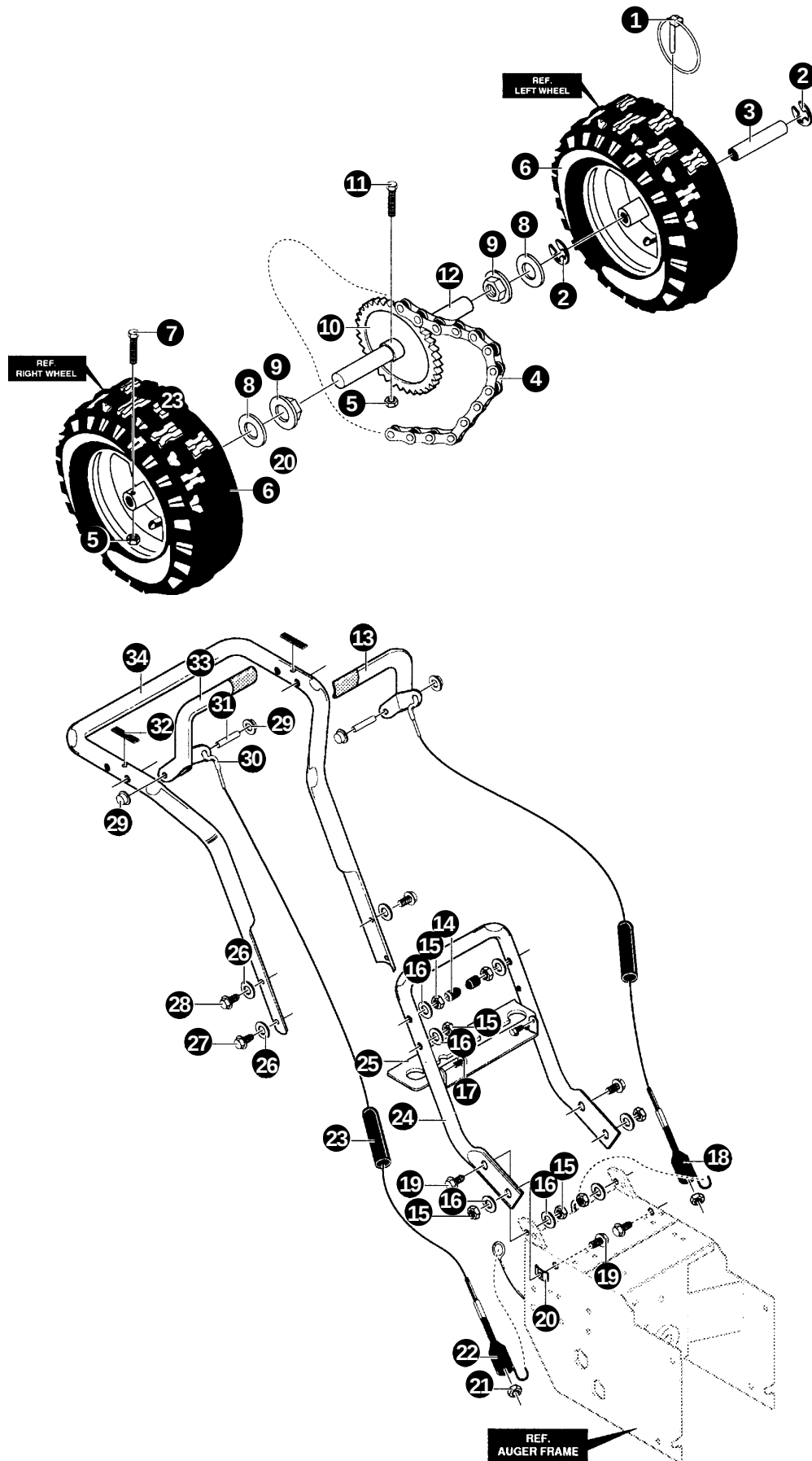
KEY	PART NUMBER	QTY	DESCRIPTION	REMARKS
1	14001502	1	NUT, 1/4-20 REG HEX CTRLK	
2	14579937	1	LEVER, SPRING TRAC CL	
3	14011871	3	SCREW, 1/4-20X.63 HHCFT	
4	14313919	1	SPRING, RETURN	
5	14120638	4	WASHER, HV SPTLK .328X.60X.09	
6	14035497	8	SCREW, 5/16-18X.50 WAHHTAP	
7	14049562	2	BEARING, BALL	
8	14580961	1	PULLEY, V3L 6.50X.56	
9	14001084	1	WASHER, FLAT .281X1.00X.063	
10	14180020	1	SCREW, 1/4-20X.75 HHC	
11	14120380	1	WASHER, .263X.49X.07 REGSPTLK	
12	14580970	1	KEY, SQUARE .18SQX.63LG	
13	14580965	1	WASHER, WAVE .675X1.00X.020	
14	14334163	4	BEARING & RETAINER	
15	14579858	2	WASHER, SP .502X.75X.0605	
16	14071074	4	WASHER, FLAT .53X1.00X.063	
17	14337029	1	BEARING, TRUNION CLUTCH	
18	14313883	1	WHEEL ASY, FRICTION DISC	
19	14579867	1	CHAIN, ROLLER #42X 40P	
20	14579893	1	JACK ASY, #41-36T&8T	
21	14331112	1	HEX ASY, #40-8TW	
22	14303008	2	NUT, 1/4-20 HEX KEPS	
23	14000462	1	RING, RETEX	
24	14580969	1	WASHER, FLAT .680X1.12X.060Z	
25	14085501	1	BEARING, TRUNION 1.25 ID	
26	14073811	1	RING, RETEX	
27	14583155	1	SHAFT, HEX TRACTION	
28	14583163	1	DISC ASY, FRICTION WHEEL	
29	14583206	1	ZERK, GREASE .25-28X1.12LG	
30	14137185	2	PIN, COTTER 1.25 DIA X 1.00LG	
31	14313853	2	BEARING, FLANGE	
32	14579941	1	LEVER ASY, TRACTION CLUTCH	



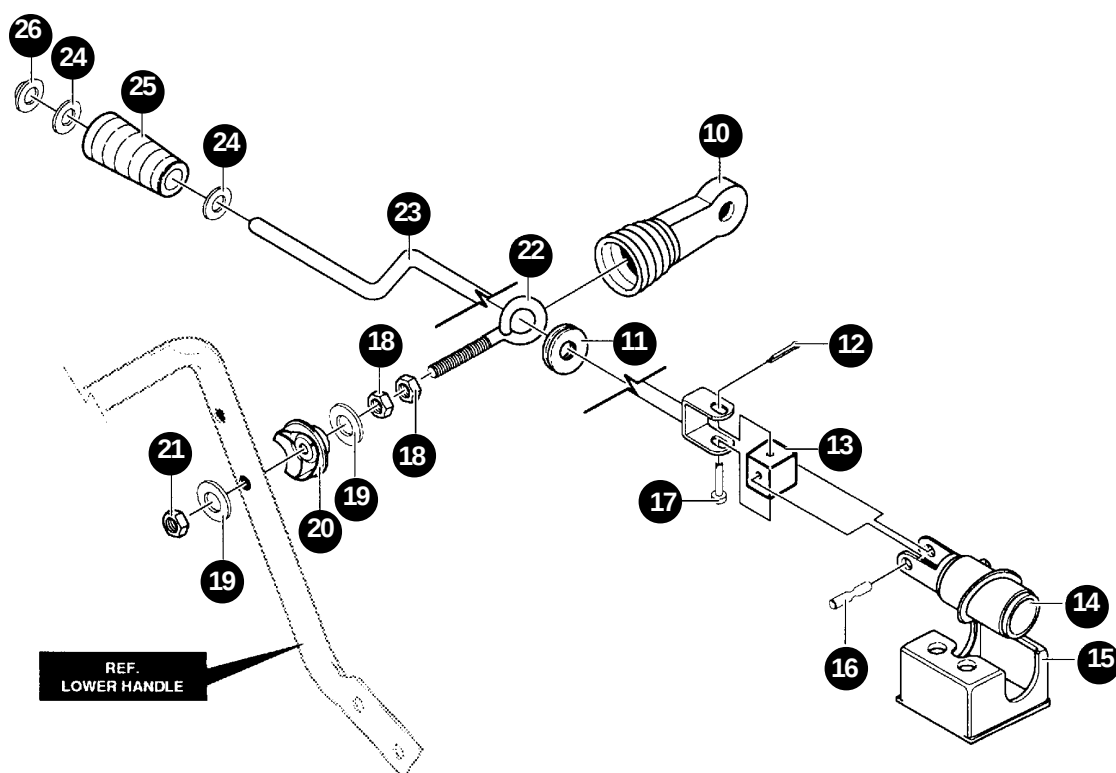
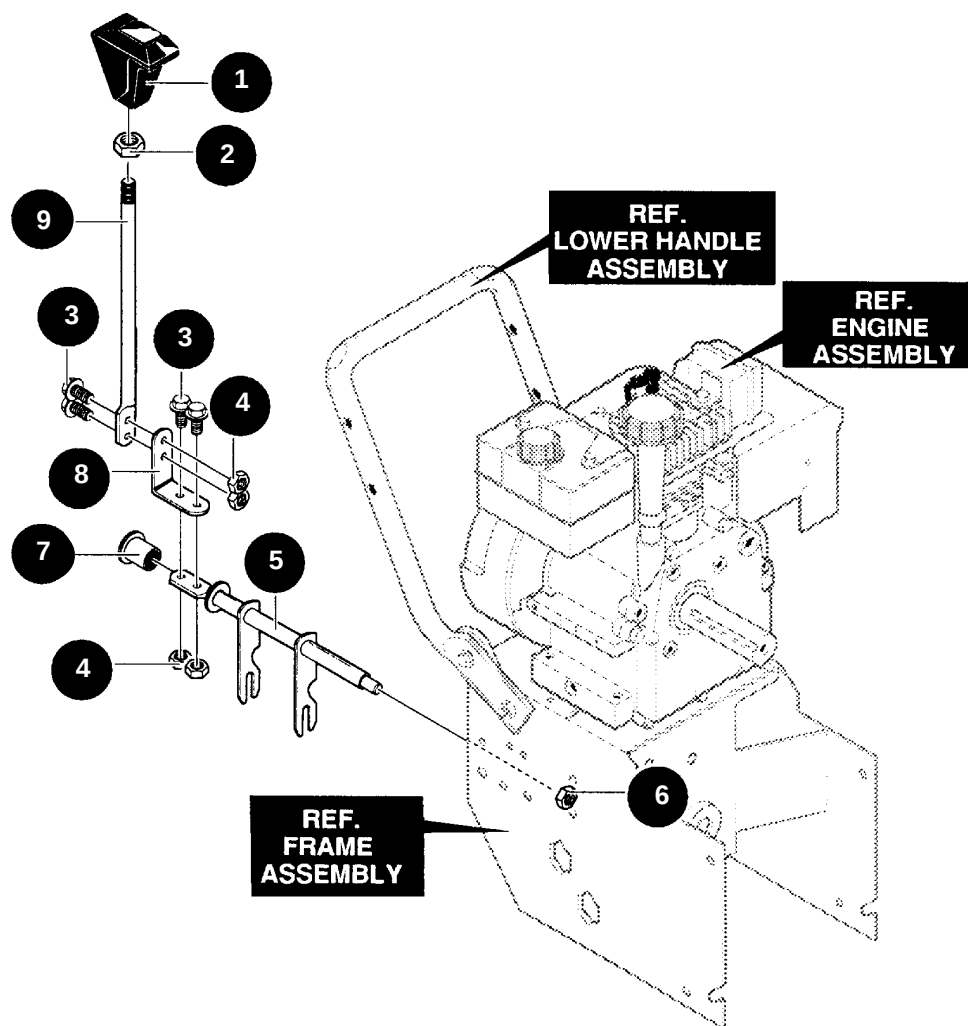
KEY	PART NUMBER	QTY	DESCRIPTION	REMARKS
1	14454565	3	PIN, SPRING .250DIAX1.25LG	
2	14580295	1	COLLAR, THRUST .753X1.24X.50	
3	14303008	1	NUT, 1/4-20 HEXKEPS	
4	14010576	1	CASE, GEAR LH	
5	14009344	1	SCREW, 3/8-16X.50 WAHTAP	
6	14046931	1	NUT, 1/4-20 WDFL MAC-LOCK	
7	14050221	1	BEARING, FL .502IDX.752ODX.75	
8	14583125	1	SHAFT, WORM	
9	14340286	1	SHAFT, AUGER OUTPUT	
10	14051279	1	GASKET, GEAR CASE	
11	14051405	1	GEAR, WORM	
12	14431787	1	KEY, WOODRUFF #61 .635X.187X.250	
13	14009346	4	WASHER, FLAT .752X1.24X.093	
14	14050304	3	BEARING, FL .752IDX1.002OD	
15	14009566	3	SEAL, OIL	
16	14010577	1	CASE, GEAR RH	
17	14180020	2	SCREW, 1/4-20X.75 HHC	
18	14313828	1	BEARING, ROLL	
19	14585598	1	IMPEL ASY	



KEY	PART NUMBER	QTY	DESCRIPTION	REMARKS
1	14339881	1	HOUSING ASY	
2	14340523	1	AUGER ASY, CM RH	
3	14009524	2	SCREW, 1/4-20X1.75 HHCFT	
4	14003943	2	SPACER, SLEEVE .250X.47X.20	
5	14340518	1	AUGER ASY CM LH	
6	14001502	2	NUT, 1/4-20 REG HEX CTRLK	
7	14581397	1	BLADE, SCRAPER	
8	14051335	1	NUT, 1/4-20 WDFLWHIZLK	
9	14009517	2	BEARING, FLANGE .754 ID	
10	14070993	4	BOLT, 5/16-18X.75 CARRLN	
11	14001161	2	SKID, HEIGHT	
12	14120638	6	WASHER, HV SPTLK .328X.60X.09	
13	14120376	4	NUT, 5/16-18 REG HEX	
14	14120393	4	WASHER, FLAT .344X.69X.065	
15	14009357	6	SCREW, 5/16-18X.75 WDFLWAHLK	
16	14008619	6	NUT, 5/16-18 WDLFWHIZ	
17	14180077	3	SCREW, 5/16-18X.75 HHC	
18	14323825	1	BOT, 1/4-20X.75 CARR	
19	14309235	1	FASTENER, RATCHET	
20	14071003	2	SCREW, 3/8-16X.75 HHC	
21	14043846	1	BEARING, BALL	
22	14071371	1	KEY, SQUARE .18SQX88LG	
23	14001499	2	NUT, 3/8-16 REG HEX CTRLK	
24	14120382	2	WASHER, REGSPTLK .393X.68X.10	
25	14710026	1	NUT, 5/16-18 HXWDFLLK	
26	14582960	1	RETAINER, BALL BEARING	
27	14334514	1	SPACER, SLEEVE .675X1.00X.53	
28	14583124	1	PULLEY, V4L 6.22X.67	
29	14577400	1	SCREW, 5/16-28X.63 HHC	
30	14120376	1	NUT, 5/16-18 REG HEX	
31	14013527	1	KNOB, T	
32	14120393	3	WASHER, FLAT .344X.69X.065	
33	14120638	1	WASHER, HV SPTLK	
34	14006711	2	WASHER, PLASTIC .315X.75X.064	
35	14760268	1	FLAP, CHUTE INSERT	
36	14760987	3	RIVIT, POP .125X.232	
37	14337227	1	RETAINER, RING INNER	
38	14585214	1	COLLAR, CH	
39	14586280	1	BOLT, 5/16-18X1.00 CARRLN	
40	14585193	1	RETAINER, RING OUTER	
41	14180020	2	SCREW, 1/4-20X.75 HHC	
42	14120392	4	WASHER, FLAT .281X.63X.065	
43	14001502	2	NUT, 1/4-20 REG HEX CTRLK	
44	14071038	2	NUT, 5/16-18 HEXNYL	
45	14760016	1	CHUTE ASY	
46	14012021	2	WASHER, PLASTIC	
47	14126358	1	BOLT, 5/16-18X1.00	
48	14070993	1	BOLT, 5/16-18X.75 CARR	

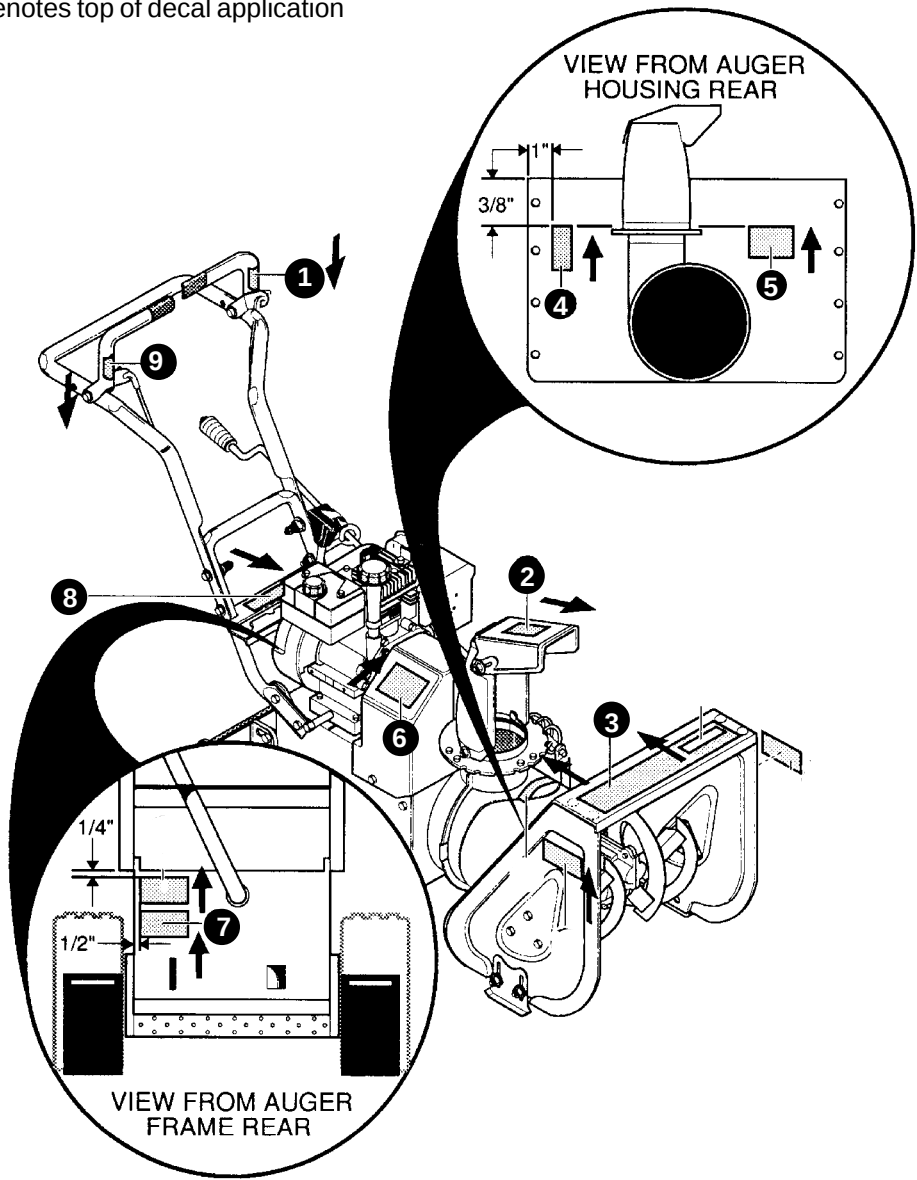


KEY	PART NUMBER	QTY	DESCRIPTION	REMARKS
1	14073842	1	PIN, KLIK .25X1.38 DIA.	
2	14000239	2	RING, RETEX	
3	14585591	1	BUSHING, WHEEL 4" LG	
4	14579867	1	CHAIN, ROLLER #42 X 40 P	
5	14001502	2	NUT, 1/4-20 REG HEX CTRLK	
6	14318504	2	TIRE & RIM	
7	14577015	1	SCREW, SHR 1/4-20X1.75 HH	
8	14073840	2	WASHER, FLAT .765X1.12X.06	
9	14581730	2	BEARING, FLANGE	
10	14583012	1	SPROCKET & HUB	
11	14073839	1	SCREW, 1/4-20X2.25 HHC	
12	14580883	1	SHAFT, AXLE	
13	14334195	1	LEVER KIT	
14	14011261	2	STOP, RED PLASTIC	
15	14120376	7	NUT, 5/16-18 REG HEX	
16	14120638	7	WASHER, HV SPLK .328X60X.09	
17	14056021	2	SCREW, 1/4-20X.75 WAHHTAP	
18	14579869	1	SPRING, TENSION .58X5.83X.1055	
19	14180079	4	SCREW, 5/16-18X1.00 HHC	
20	14309436	1	PUSHNUT, 5/16 BOLT RETAINER	
21	14001502	2	NUT, 1/4-20 REG HEX CTRLK	
22	14001673	1	SPRING, AUGER CLUTCH	
23	14308146	1	BOOT, CLUTCH SPRING	
24	14339541	1	HANDLE, LOWER	
25	14337407	1	BRACKET, GEAR SELECTOR	
26	14120393	1	WASHER, FLAT .344X.69X.065	
27	14180087	1	SCREW, 5/16-18X2.00 HHC	
28	14011234	2	SCREW, 5/16-18X2.75 HHCSFT	
29	14003535	2	NUT, PUSH ON CAP	
30	14001579	1	CABLE, CLUTCH 28.44L	
31	14001058	1	PIN, PIVOT .31 OD	
32	14004049	1	BUMPER, RECT	
33	14334195	1	LEVER KIT	
34	14009552	1	HANDLE, UPPER	



KEY	PART NUMBER	QTY	DESCRIPTION	REMARKS
1	14304438	1	KNOB, SHIFT	
2	14318486	1	NUT, 1/2-13 HEXJAM	
3	14051332	4	SCREW, 1/4-20X.63 WDFLLK	
4	14001502	4	NUT, 1/4-20 REGHEXCTRLK	
5	14581795	1	ROD ASY, YOKE	
6	14001499	1	NUT, 3/8-16 REGHXCTRLK	
7	14579944	1	BEARING, FL .500IDX.88ODX.31	
8	14581630	1	LEVER, SPRING	
9	14581631	1	ROD, SHIFT	
10	14308145	1	BOOT, EYEBOLT	
11	14000148	1	GROMMET, EYE BOLT	
12	14579493	1	PIN, COTTER .06X.50	
13	14578063	1	BLOCK, UNIV PIV .375X.250	
14	14585196	1	WORM, GEAR CHUTE	
15	14585195	1	BRACKET, WORM MTG.	
16	14578060	1	PIN, UNIV JOINT	
17	14578309	1	PIN, CLEVIS .25DX1.094	
18	14124829	2	NUT, 3/8-16 HEXJAM	
19	14120394	2	WASHER, FLAT .406X.81X.065	
20	14309344	1	ADAPTER, BOOT	
21	14071046	1	NUT, 3/8-16 HEXNYL	
22	14071457	1	BOLT, EYE 3/8-16X5.00X.63ID	
23	14585426	1	CRANK ASY, W/YOKE	
24	14309312	2	WASHER, FLAT .39X.70X.05	
25	14307399	1	HANDLE, CHUTE CRANK	
26	14578159	1	E-RING, RET	

↑ Symbol denotes top of decal application



DECALS

ST-5024 / TYPE 1E

KEY	PART NUMBER	QTY	DESCRIPTION	REMARKS
1	14003902	1	DECAL, TRACTION DRIVE ENGAGE	
2	14313892	1	DECAL, DANGER CHUTE	
3	14760109	1	DECAL, ECHO AUGER HOUSING	
4	14070141	1	DECAL, DANGER AUGER	
5	14302922	1	DECAL, DANGER	
6	14007390	1	DECAL, BELT STRETCH & ADJ	
7	14007859	1	DECAL, ADJ OF DISC	
8	14340047	1	DECAL, GEAR SELECTOR	
9	14003903	1	DECAL, AUGER DRIVE ENGAGE	